

Substitute for Form 1449/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

## Complete if Known

Application Number	09/724,585
Filing Date	11-28-2000
First Named Inventor:	Beardslee, et al.
Art Unit	2123
Examiner Name	Kandasamy Thangavelu
Attorney Docket Number	02986.P035

of

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## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)				
KJW		US-	5,416,919	05-16-1995	Ogino et al.	
KJW		US-	5,544,311	01-21-1997	Harenberg et al.	
KJW		US-	5,596,743	08-06-1996	Bhat et al.	
KJW		US-	5,771,240	05-12-1998	Tobin, et al.	
KJW		US-	5,870,308	02-09-1999	Dangelo, et al.	
KJW		US-	5,933,356	08-31-1999	Rostroker, et al.	
KJW		US-	5,951,696	09-14-1999	Naaseh, et al.	
KJW		US-	6,134,707	10-17-1996	Herrmann et al.	
KJW		US-	6,175,946 B1	01-16-2001	Ly et al.	
KJW		US-	6,191,683 B1	02-20-2001	Nygaard, Jr.	
KJW		US-	6,199,031 B1	03-06-2001	Challier et al.	
KJW		US-	6,202,044 B1	03-13-2001	Tzori	
KJW		US-	6,202,172 B1	03-13-2001	Ponte	
KJW		US-	6,223,148 B1	04-24-2001	Stewart, et al.	
KJW		US-	6,255,836 B1	07-03-2001	Schwarz et al.	
KJW		US-	6,255,845 B1	07-03-2001	Wong et al.	
KJW		US-	6,263,373 B1	07-17-2001	Cromer et al.	

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				

Examiner Signature		Date Considered	3/27/05
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		Number-Kind Code <sup>2</sup> (If known)				
KAN		US-	6,292,765 B1	09-18-2001	Ho et al.	
KAN		US-	6,301,688 B1	10-09-2001	Roy	
KAN		US-	6,311,292 B1	10-30-2001	Choquette et al.	
KAN		US-	6,363,520 B1	03-26-2002	Boubezari et al.	
KAN		US-	6,374,370 B1	04-16-2002	Bockhaus et al.	
KAN		US-	6,377,911 B1	04-23-2002	Sample et al.	
KAN		US-	6,377,912 B1	04-23-2002	Sample et al.	
KAN		US-	6,378,093 B1	04-23-2003	Whetsel	
KAN		US-	6,389,558 B1	05-14-2002	Herrmann et al.	
KAN		US-	6,421,813 B1	07-16-2002	Jeddeloh	
KAN		US-	6,425,101 B1	07-23-2002	Garreau	
KAN		US-	6,430,727 B1	08-06-2002	Warren	
KAN		US-	6,434,735 B1	08-13-2002	Watkins	
KAN		US-	6,456,101 B2	09-24-2002	Dumbri	
KAN		US-	6,456,961 B1	09-24-2002	Patil, et al.	
KAN		US-	6,460,148 B2	10-01-2002	Veenstra et al.	
KAN		US-	6,460,174 B1	10-01-2002	Carey	
KAN		US-	6,463,392 B1	10-08-2002	Nygaard, et al.	
KAN		US-	6,484,273 B1	11-19-2002	Chang	
KAN		US-	6,493,852 B1	12-10-2002	Narain et al.	
KAN		US-	6,499,123 B1	12-24-2002	McFarland et al.	
KAN		US-	6,510,534 B1	01-21-2003	Nadeau-Dostie, et al.	
KAN		US-	6,513,143 B1	01-21-2003	Bloom, et al.	
KAN		US-	6,564,347 B1	05-13-2003	Mates	
KAN		US-	6,567,932 B2	05-20-2003	Edwards, et al.	
KAN		US-	6,571,751 B1	06-01-2004	Murray, et al.	
KAN		US-	6,581,191 B1	06-17-2003	Schubert, et al.	

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Signature

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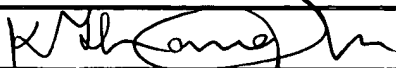
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## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
—		HAUFE, J., et al., "Ein Debugger fuer ASIC-Prototypen", DASS Dresden Germany, 2000, pp., 10.	
KSV		KIROVSKI, D., et al., "Improving the Observability and Controllability of Datapaths for Emulation-Based Debugging", IEEE Trans. on CAD, Vol. 18, November 1999, pp., 1529-1541.	
KSV		VERMEULEN, B., et al., "Silicon debug of a co-processor array for video applications", pp. 6, High-Level Design Validation and Test Workshop, 2000, IEEE Proceedings.	
KSV		VAN ROOTSELARR, G., et al., "Silicon debug: scan chains alone are not enough", pp. 11, ITC 1999.	
KSV		VAN ROOTSELAAR, G., et. al., "Silicon Debug Methodology", pp. 32, Embedded Tutorial, ICCAD, 1999.	

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